

SAFETY DATA SHEET

APPLIED 5450 IMMERSION CLEANER

Infosafe No.: 1APMH
ISSUED Date : 05/03/2014
ISSUED by: ITW POLYMERS & FLUIDS

1. IDENTIFICATION

GHS Product Identifier

APPLIED 5450 IMMERSION CLEANER

Product Code

A5450

Company Name

ITW POLYMERS & FLUIDS (ABN 63 004 235 063)

Address

100 Hassall Street Wetherill Park
NSW 2164 Australia

Telephone/Fax Number

Tel: 1800 063 511; +61 2 9757 8800

Fax: 1800 803 596; +61 2 9757 3855

Emergency phone number

1800 385 556 / 0438 465 960

E-mail Address

info@itwpcf.com.au

Recommended use of the chemical and restrictions on use

Designed for the removal of grease and oils from steel components.
Pre-cleaner prior to zinc phosphating.

Disclaimer

*

Websites:

www.itwpcf.com.au

*

Fluid Chemicals NZ

5A Andrew Baxter Drive, Airport Oaks, Auckland, 2150

Postal Address: P.O. Box 201185 , Auckland Airport, 2150, New Zealand

EMERGENCY TEL: 0800 154 666

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

Eye Damage/Irritation: Category 1

Skin Corrosion/Irritation: Category 1C

Signal Word (s)

DANGER

Hazard Statement (s)

Causes severe skin burns and eye damage.

Pictogram (s)

Corrosion

**Precautionary statement – Prevention**

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash contaminated skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

Precautionary statement – Storage

Store locked up.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Ingredients**

Name	CAS	Proportion
Sodium metasilicate	6834-92-0	30-60 %
Alcohols C12-C14, Ethoxylated	68439-50-9	0-10 %
Other ingredients determined not to be hazardous, including water	N/A	Balance

4. FIRST-AID MEASURES**Inhalation**

Seek medical advice if effects persist.

Remove victim to fresh air.

Investigate possible misuse of material.

Not considered a feature of normal use.

Ingestion

Rinse mouth thoroughly with water immediately.

Give water to drink. DO NOT induce vomiting.

Seek medical attention.

Skin

Wash affected areas with copious quantities of water immediately.

Remove contaminated clothing and wash before re-use.

Seek medical advice.

Eye contact

Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open.

Seek medical attention.

First Aid Facilities

Eye wash and normal washroom facilities.

Advice to Doctor

Treat symptomatically as for strong alkalis.

5. FIRE-FIGHTING MEASURES

Specific Hazards Arising From The Chemical

No unusual fire or explosion hazards.

Non combustible

In case of fire in the surroundings use the appropriate extinguishing method for the area.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Avoid breathing dust or vapours and contact with skin and eyes.

Sweep up, but avoid generating dust.

Collect and seal in properly labelled drums for disposal.

Isolate leaking containers and stop leak if safe to do so.

Wash away residues with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Wash thoroughly after handling.

Do not breathe dust.

Conditions for safe storage, including any incompatibilities

Keep containers securely sealed and protected against physical damage.

Ensure containers are clearly labelled.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No Exposure Limit Established

Other Exposure Information

No exposure limits proposed by National Health and Medical Research Council.

Should be considered as Nuisance Dusts TLV: 10 mg/m³.

TLV is the time weighted average concentration of the work atmosphere over a normal 8-hour work day and a 40-hour work week. Nearly all workers may be repeatedly exposed to this level, day after day, without adverse effect.

These TLVs are issued as guidelines for good practice. All atmospheric contamination should be kept to as low a level as is practically possible.

These TLVs should not be used as fine lines between safe and dangerous concentrations.

Appropriate Engineering Controls

Avoid generating and inhaling dusts.

Use in a well ventilated area only.

Personal Protective Equipment

Chemical goggles, face shield and PVC or rubber gloves.

Hygiene Measures

Always wash hands before eating, drinking, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

White granular, free flowing powder.
Soluble in water to produce moderately foaming solutions.

Melting Point

>450°C

Boiling Point

Not Required

Specific Gravity

2.5 at 20°C approx

pH

1% soln 12.5 ± 0.2

Vapour Pressure

Not Required

Flash Point

Non flammable

Flammability

Non combustible. Non flammable.

Flammable Limits - Lower

Not Required

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions of use and storage.

11. TOXICOLOGICAL INFORMATION

Ingestion

Will cause severe damage to the mucous membranes.
May be harmful if swallowed.
May cause irritation to mouth, throat and stomach.

Inhalation

Harmful by inhalation.
May cause irritation to the nose and throat.
Inhalation of dust may result in respiratory irritation.
Not considered a feature of normal use.

Skin

Repeated or prolonged skin contact may lead to dermatitic effects.
Harmful in contact with the skin.
Irritant dermatitis may result from working with this material.

Eye

A moderate eye irritant.
Permanent eye damage, including loss of sight, may occur.
Harmful to the eyes.

Chronic Effects

Repeated or prolonged skin contact can cause chronic dermatitis.

12. ECOLOGICAL INFORMATION

Environmental Protection

No particular hazard to the environment, however it is a sensible precaution to avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Dispose to licensed disposal contractor

Product Disposal

Dispose to licensed disposal contractor

14. TRANSPORT INFORMATION

Transport Information

Not dangerous for conveyance under UN, IMO, ADR/RID and IATA/ICAO codes.

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Poisons Schedule

S5

Packaging & Labelling

This product contains a Scheduled Poison (S5) and must therefore be stored, maintained and used in accordance with the relevant State Poisons Regulations

Australia (AICS)

All ingredients listed.

16. OTHER INFORMATION

Date of preparation or last revision of SDS

Replaces SDS dated 25/11/2008

References

LENGA, Robert E. (Ed.) 'Safety', The Sigma-Aldrich Library of Chemical Safety Data, Sigma-Aldrich Corporation, Edition II 1988.

MERCK INDEX - Merck & Company, Rahlway, N.J. 1989

Contact Person/Point

This Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product.

As ITW Polymers & Fluids cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.

Data sheets from unauthorised sources may contain information that is no longer current or accurate.

This SDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact ITW Polymers & Fluids to ensure they are in possession of the latest version.

User Codes

User Title Label	User Codes
Field 2	SS 20.12.93

Signature of Preparer/Data Service

AMS

END OF SDS

© Copyright Chemical Safety International Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe SDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe SDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

The compilation of SDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copying of any SDS displayed is permitted for personal use only and otherwise is not permitted. In particular the SDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of SDS without the express written consent of Chemical Safety International Pty Ltd.